

UDOT Minimum Sampling and Testing Requirements

Revised January '07

Specification - Material: 02741 HMA

02741 HMA

Quality Assurance: Asphalt Binder Content

Reference: AASHTO T 308

Lot Size: Production Day

Frequency per Lot: Four

Point of Acceptance: Grade behind the paver

Sampling Reference: MOI 8-984

Report/Form:

Quality Assurance: Sieve Analysis

Reference: AASHTO T 30

Lot Size: Production Day

Frequency per Lot: Four

Point of Acceptance: Grade behind the paver

Sampling Reference: MOI 8-984

Report/Form:

Quality Assurance: Theoretical Maximum Specific Gravity (Rice)

Reference: AASHTO T 209

Lot Size: Production Day

Frequency per Lot: Three in conjunction with VMA determination

Point of Acceptance: Grade behind the paver

Sampling Reference: MOI 8-984

Report/Form:

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| <i>Specification - Material. 02741 HMA</i> |
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Quality Assurance: Voids in Mineral Aggregate (VMA) Determination

Reference: AASHTO T 312, R 35

Lot Size: Production Day

Frequency per Lot: Three, in conjunction with Rice Determination

Point of Acceptance: Grade behind the paver

Sampling Reference: MOI 8-984

Report/Form:

Quality Assurance: In-Place Density

Reference: AASHTO T 166

Lot Size: Production Day

Frequency per Lot: Ten, two in each of five equal sublots

Point of Acceptance: Grade after compaction, prior to traffic

Sampling Reference: MOI 8-984

Report/Form:

Quality Assurance: Thickness

Reference: Avg. of three measurements on each core recorded to 1/8 in.

Lot Size: Production Day

Frequency per Lot: Ten in conjunction with in-place density determination

Point of Acceptance: Grade after compaction, prior to traffic

Sampling Reference: MOI 8-984

Report/Form:

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| <i>Specification - Material: 02741 HMA</i> |
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Quality Assurance: Smoothness

Reference: Standard Specification 01452

Lot Size:

Frequency per Lot:

Point of Acceptance:

Sampling Reference:

Report/Form:

Quality Assurance: Visual Acceptance of very small quantities of materials

Reference: Acceptance is limited to only materials being furnished from sources found satisfactory under normal sampling and testing procedures

Lot Size: Not to exceed 100 tons per day or 1000 tons per project

Frequency per Lot: One report for each day material is accepted

Point of Acceptance: Grade

Sampling Reference:

Report/Form: Visual Inspection
